

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


Ned Body Butter 500mg Batch 012

Batch ID or Lot Number: NED-BB-012	Test: Potency	Reported: 08Feb2022	USDA License: N/A
Matrix: Unit	Test ID: T000190907	Started: 07Feb2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 03Feb2022	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	10.408	34.025	23.080	0.40	# of Servings = 1, Sample Weight=56.5g
Cannabichromenic Acid (CBCA)	9.520	31.121	ND	ND	
Cannabidiol (CBD)	27.401	95.041	649.560	11.50	
Cannabidiolic Acid (CBDA)	28.104	97.479	ND	ND	
Cannabidivarin (CBDV)	6.481	22.478	ND	ND	
Cannabidivarinic Acid (CBDVA)	11.724	40.663	ND	ND	
Cannabigerol (CBG)	5.909	19.318	ND	ND	
Cannabigerolic Acid (CBGA)	24.703	80.758	ND	ND	
Cannabinol (CBN)	7.709	25.202	ND	ND	
Cannabinolic Acid (CBNA)	16.854	55.099	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	29.430	96.211	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	26.728	87.378	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	23.681	77.416	ND	ND	
Tetrahydrocannabivarin (THCV)	5.375	17.572	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	20.887	68.285	ND	ND	
Total Cannabinoids			672.640	11.91	
Total Potential THC**			ND	ND	
Total Potential CBD**			649.560	11.50	

Final Approval



Sam Smith
08Feb2022
03:18:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
08Feb2022
03:20:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/46baa3ae-4156-41d1-b8e3-c509e169834d>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA.



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46baa3ae415641d1b8e3c509e169834d.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


Ned Body Butter 500mg Batch 012

Batch ID or Lot Number: NED-BB-012	Test: Trace THC	Reported: 10Feb2022	USDA License: NA
Matrix: Unit	Test ID: T000190908	Started: 08Feb2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 03Feb2022	Status: NA

Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.673	0.043	1.50	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.346	ND	0.00	N/A
Total Potential THC*	-	0.043	0.43	

Final Approval



PREPARED BY / DATE

Ryan Weems
10Feb2022
09:50:00 AM MST



APPROVED BY / DATE

Daniel Weidensaul
10Feb2022
10:24:00 AM MST



<https://results.botanacor.com/api/v1/coas/uuid/1b6b6357-c661-4238-ab42-fd875211b28a>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product)
 Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa * (0.877))
 ND = None Detected (defined by dynamic range of the method)
 ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method)
 Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:
NED & CO. LLC

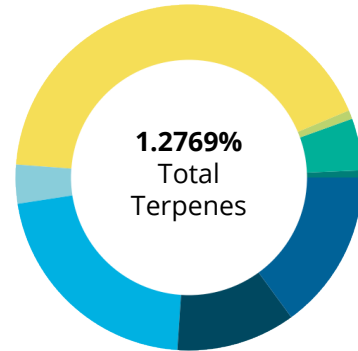
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

Ned Body Butter 500mg Batch 012

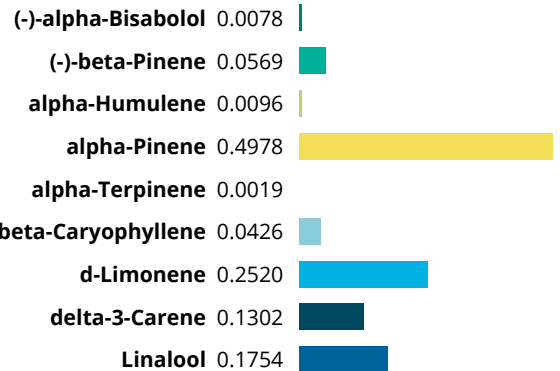
Batch ID or Lot Number: NED-BB-012	Test: Terpenes	Reported: 08Feb2022	USDA License: NA
Matrix: Concentrate	Test ID: T000190909	Started: 25Jan2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 03Feb2022	Status: NA

Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0078	0.078
(-)-beta-Pinene	0.0569	0.569
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0096	0.096
alpha-Pinene	0.4978	4.978
alpha-Terpinene	0.0019	0.019
beta-Caryophyllene	0.0426	0.426
beta-Myrcene	0.0289	0.289
beta-Ocimene	0.0105	0.105
Camphene	0.0076	0.076
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.2520	2.520
delta-3-Carene	0.1302	1.302
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0306	0.306
Geraniol	0.0034	0.034
Linalool	0.1754	1.754
Ocimene	0.0111	0.111
p-Cymene	0.0000	0.0000
Terpinolene	0.0106	0.106
trans-Nerolidol	0.0000	0.0000
1.2769	12.7690	



PREDOMINANT TERPENES



Notes

Final Approval



Daniel Weidensaul
09Feb2022
06:03:00 PM MST

PREPARED BY / DATE



Ryan Weems
09Feb2022
06:05:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/a463df0c-ea50-434e-a03c-785a97611af6>

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Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

Ned Body Butter 500mg Batch 012

Batch ID or Lot Number: NED-BB-012	Test: Residual Solvents	Reported: 07Feb2022	USDA License: N/A
Matrix: Residual Solvents	Test ID: T000190913	Started: 07Feb2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 03Feb2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	88 - 1757	ND	
Butanes (Isobutane, n-Butane)	176 - 3516	ND	
Methanol	73 - 1451	ND	
Pentane	102 - 2030	ND	
Ethanol	80 - 1601	ND	
Acetone	105 - 2109	ND	
Isopropyl Alcohol	131 - 2622	ND	
Hexane	8 - 152	ND	
Ethyl Acetate	121 - 2415	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	101 - 2021	ND	
Toluene	19 - 381	ND	
Xylenes (m,p,o-Xylenes)	130 - 2603	ND	

Final Approval



Hannah Wright
07Feb2022
04:53:00 PM MST

PREPARED BY / DATE



Ryan Weems
07Feb2022
04:56:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1cd1cd17-b0c3-4b0c-a55b-d196ef730590>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

Ned Body Butter 500mg Batch 012

Batch ID or Lot Number: NED-BB-012	Test: Pesticides	Reported: 10Feb2022	USDA License: NA
Matrix: Concentrate	Test ID: T000190910	Started: 09Feb2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 03Feb2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	302 - 2763	ND	Malathion	293 - 2690	ND
Acephate	42 - 2733	ND	Metalaxyl	44 - 2705	ND
Acetamiprid	42 - 2693	ND	Methiocarb	41 - 2733	ND
Azoxystrobin	47 - 2680	ND	Methomyl	42 - 2695	ND
Bifenazate	44 - 2663	ND	MGK 264 1	168 - 1644	ND
Boscalid	39 - 2746	ND	MGK 264 2	108 - 1144	ND
Carbaryl	41 - 2719	ND	Myclobutanil	36 - 2757	ND
Carbofuran	42 - 2734	ND	Naled	50 - 2795	ND
Chlorantraniliprole	42 - 2745	ND	Oxamyl	41 - 2727	ND
Chlorpyrifos	33 - 2777	ND	Pacllobutrazol	44 - 2713	ND
Clofentezine	282 - 2732	ND	Permethrin	266 - 2766	ND
Diazinon	288 - 2712	ND	Phosmet	45 - 2681	ND
Dichlorvos	286 - 2706	ND	Prophos	293 - 2723	ND
Dimethoate	43 - 2683	ND	Propoxur	41 - 2711	ND
E-Fenpyroximate	292 - 2723	ND	Pyridaben	290 - 2772	ND
Etofenprox	41 - 2761	ND	Spinosad A	33 - 2275	ND
Etoxazole	289 - 2736	ND	Spinosad D	47 - 504	ND
Fenoxycarb	41 - 2700	ND	Spiromesifen	279 - 2764	ND
Fipronil	35 - 2642	ND	Spirotetramat	309 - 2668	ND
Flonicamid	44 - 2704	ND	Spiroxamine 1	17 - 1193	ND
Fludioxonil	308 - 2733	ND	Spiroxamine 2	23 - 1578	ND
Hexythiazox	39 - 2747	ND	Tebuconazole	283 - 2693	ND
Imazalil	274 - 2753	ND	Thiacloprid	42 - 2693	ND
Imidacloprid	42 - 2709	ND	Thiamethoxam	40 - 2690	ND
Kresoxim-methyl	47 - 2726	ND	Trifloxystrobin	43 - 2731	ND

Final Approval



Daniel Weidensaul
10Feb2022
02:48:00 PM MST

PREPARED BY / DATE



Sam Smith
10Feb2022
02:55:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8a4728c4-70b0-4c8a-bb10-a2a66e8437f9>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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Prepared for:
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 BOULDER, CO USA 80303

Ned Body Butter 500mg Batch 012

Batch ID or Lot Number: NED-BB-012	Test: Microbial Contaminants	Reported: 07Feb2022	USDA License: NA
Matrix: Finished Product	Test ID: T000190911	Started: 03Feb2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 03Feb2022	Status: NA

Microbial Contaminants

	Method	LOD	Quantitative Range	Result	Notes
E. coli (STEC)	TM25: PCR	1.0 CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter None Detected None Detected
Salmonella	TM25: PCR	1.0 CFU/g	NA	Absent	
Total Yeast and Molds*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


 Eden Thompson-Wright
 07Feb2022
 09:30:00 AM MST

PREPARED BY / DATE



 Brianne Maillot
 07Feb2022
 11:15:00 AM MST

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/97c0d2c9-a78d-4d0c-9b46-5bdc19c5f276>
Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
 CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
 ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
 STEC = Shiga Toxin-Producing E. coli

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Prepared for:
NED & CO. LLC

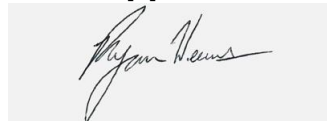
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

Ned Body Butter 500mg Batch 012

Batch ID or Lot Number: NED-BB-012	Test: Heavy Metals	Reported: 08Feb2022	USDA License: NA
Matrix: Unit	Test ID: T000190912	Started: 04Feb2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 03Feb2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.42	ND	
Cadmium	0.04 - 4.37	ND	
Mercury	0.04 - 4.37	ND	
Lead	0.05 - 4.54	ND	

Final Approval



Ryan Weems
08Feb2022
06:12:00 PM MST

PREPARED BY / DATE



Daniel Weidensaul
08Feb2022
06:21:00 PM MST

APPROVED BY / DATE



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Definitions

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